

CLAIMS

What is claimed is:

1. A method for mounting a light source in a lamp, wherein the light source comprises an end with a lead wire extending therefrom, the method comprising the steps of:
 - 5 forming the light source end with an outward-opening cavity about the lead wire;
extending the lead wire through the cavity;
extending a support wire from a supporting structure of the lamp; and
hooking the support wire into the cavity.
 2. The method of claim 1, further comprising the step of:
 - 10 attaching the support wire to the lead wire.
 3. The method of claim 1, further comprising the steps of:
 - forming a loop at an outer wire end of the support wire; and
attaching a portion of the loop to the lead wire.
 4. The method of claim 3, further comprising the steps of:
 - 15 forming an attachment between the lead wire and a portion of the loop that is outward of
a hooked portion of the support wire; and
using the support wire to place the lead wire in tension between the light source end and
the point of lead wire-to-support wire loop attachment.
 5. The method of claim 1, further comprising the steps of:
 - 20 forming the cavity with a bugled end;
forming an elbow in the support wire; and
using the elbow for the step of hooking the support wire into the cavity.
 6. The method of claim 1, wherein the lamp comprises at least one double ended light
source comprising first and second lead wires extending respectively from first and second
25 opposed light source ends, the method further comprising the steps of:
 - forming first and second outward-opening cavities in the respective first and second light
source ends about the respective first and second lead wires;
extending the respective first and second lead wires through the respective first and
second cavities;
 - 30 extending first and second support wires from a supporting structure of the lamp; and
hooking the first and second support wires into the respective first and second cavities.

7. The method of claim 6, further comprising the step of:

attaching the first and second support wires to the respective first and second lead wires.

8. The method of claim 6, further comprising the step of:

using the first and second support wires to apply a compressive end-to-end force on the

5 light source thereby holding the light source between the hooked first and second support wires.

9. The method of claim 6, wherein the lamp comprises two double ended light sources,
the method further comprising the step of:

mounting the two light sources in a crossed configuration.

10. The method of claim 1, further comprising the step of:

10 mechanically and electrically attaching the support wire to the lead wire for providing
both support and electrical connection to the light source.

11. A mounting connection for mounting a light source in a lamp, wherein the light
source comprises at least one end with a lead wire extending therefrom, the mounting connection
15 comprising:

an outward-opening cavity in the at least one end, wherein the cavity is formed about the
lead wire extending therethrough;

a support wire extending from a supporting structure of the lamp; and

a support wire shape that hooks the support wire into the cavity.

20 12. The mounting connection of claim 11, further comprising:

an attachment of the support wire to the lead wire.

13. The mounting connection of claim 11, further comprising:

a loop of an outer wire end of the support wire; and

an attachment of a portion of the loop to the lead wire.

25 14. The mounting connection of claim 13, wherein:

the loop is attached to the lead wire outward of a hooked portion of the support wire; such
that:

the support wire places the lead wire in tension between the at least one light source end
and the point of lead wire-to-support wire loop attachment.

30 15. The mounting connection of claim 11, wherein:

the cavity is a bugled end; and

the support wire has an elbow for hooking the support wire into the cavity.

16. The mounting connection of claim 11, further comprising:

mechanical and electrical attachment of the support wire to the lead wire.

5 17. A method for mounting first and second spaced-apart light sources in a lamp, wherein each of the two light sources comprises an encapsulated incandescent filament extending along a longitudinal axis of the light source; the method comprising the step of:

 mounting the first and second light sources in a crossed configuration wherein a first longitudinal axis of the first light source is approximately normal to a plane containing a second
10 longitudinal axis of the second light source.

 18. The method of claim 17, further comprising the step of:

 electrically connecting the first light source in series with the second light source across a voltage source for the lamp.